

# **California Integrated Waste Management Board**

## **Board Meeting**

**March 15-16, 2005**

### **AGENDA ITEM 25**

#### **ITEM**

Consideration Of A New Full Solid Waste Facilities Permit (Compostable Materials Handling Facility) For The Engel & Gray Regional Composting Facility, Santa Barbara County

#### **I. ISSUE/PROBLEM STATEMENT**

1. This item requests Board concurrence on the new Engel & Gray Regional Composting Facility solid waste facilities permit.
2. Pursuant to Public Resources Code, Section 44009, the Board has 60 calendar days to concur in or object to the issuance of a full solid waste facilities permit. The proposed permit for this facility was received January 19, 2005. The date for submittal of a proposed permit that would allow 60 days for Board review prior to the March Board meeting was January 14, 2005. The Board has until March 20, 2005 to act on this permit. When the proposed permit package was received, the package contained all the items required in Title 27, California Code of Regulations, Section 21685.

#### **II. ITEM HISTORY**

1. The Board last concurred in the issuance of a Standardized Solid Waste Facility Permit to Engel & Gray Inc. on September 22, 1999.
2. Compliance History:
  - 2000 – No State Minimum Standards (SMS) or permit violations.
  - 2001 – No SMS or permit violations.
  - 2002 – No SMS or permit violations.
  - 2003 – No SMS or permit violations.
  - 2004 – No SMS or permit violations. (January to December)

#### **III. OPTIONS FOR THE BOARD**

The Board may decide to do one of the following:

1. Concur in the issuance of the proposed permit as submitted by the Local Enforcement Agency (LEA).
2. Object to the issuance of the proposed permit as submitted by the LEA.
3. Take no action on the proposed permit as submitted by the LEA. If the Board chooses this option, the Board shall be deemed to have concurred in the issuance of the proposed permit 60 days after the Board's receipt of the permit.

#### **IV. STAFF RECOMMENDATION**

At the time this item was prepared, staff had not determined consistency with SMS. If the site is found in compliance with SMS, staff will recommend option 1, concurrence in the issuance of the permit.

#### **V. ANALYSIS**

##### **A. Key Issues and Findings**

Facility Name: Engel & Gray Regional Composting Facility  
Facility Number 42-AA-0053

Facility Type: Compostable Materials Handling Facility

Location:	Ray Road, ½ mile south of West Main Street, Santa Maria, Santa Barbara County
Permitted Acreage:	40.15 total acres
Setting:	Agricultural Use
Operational Status:	Permitted, active under a Standardized Permit
Feedstock:	Green materials, manure, and biosolids
Current Input Capacity:	2,000 cubic yards (cy) per day
Proposed Input Capacity:	52,200 tons per quarter
Proposed Traffic Volume:	75 average number of vehicles per day
Current Design Capacity:	100,000 cubic yards of material undergoing the composting
Proposed Design Capacity:	400,000 cubic yards of feedstock, compost and finished product.
Compost Process:	windrow composting
Proposed Hours:	7:00 a.m. to 7:00 p.m., Monday to Sunday
Landowner:	City of Santa Maria – Dept. of Public Works
Business Owner/Operator:	Engel & Gray Inc.
LEA:	Santa Barbara County Public Health Department, Environmental Health Services

### **Background**

This facility was issued a Registration Permit on September 18, 1995, and currently operates under a Standardized Composting Solid Waste Facility Permit issued on September 24, 1999. With the adoption of the current Compostable Materials Handling Operations and Facilities Regulatory Requirements, standardized permits for facilities such as this one now require full permits. The feedstocks are green waste materials, manure, and biosolids. Green waste materials include leaves/grass clipping/weeds, shrubbery prunings, other yard trimmings, tree trunks/limb/trimming, other clean landscaping debris, clean untreated wood waste, natural fiber products, agricultural crop residuals, plant waste from food processing, grape pomace, clean paper products/cardboard. The typical sources of these materials include: municipal curbside

green waste recycling programs, landfill diversion activities, commercial landscapers and tree services, vineyard operators and wineries, row crop producers, and agricultural growers/packers/shippers. The typical sources of manure include: cattle feedlots, confined poultry operations, dairies, horse stables, ranches and other confined livestock or exotic feeding operations. The typical source of biosolids includes: domestic wastewater treatment facilities and municipal waste water treatment facilities.

### Key Issues

The proposed SWFP includes the following changes:

- 1) Revise permit reference from 2,000 cy per day to 52,200 tons per quarter;
- 2) Specify the traffic volume to be an average of 75 vehicles per day;
- 3) Include the feedstock, compost and finished product into the capacity limit.

### Staff Analysis

The following table summarizes Board staff's review and analysis of the proposed new solid waste facilities permit package:

Summary of Board Findings for Facility #42-AA-0053	Adequate	Inadequate	To Be Determined	Not Applicable	See Details in Section
CIWMP Conformance	X				1.
Consistency with State Minimum Standards			X		2.
California Environmental Quality Act	X				V.B.
RCSI Completeness	X				3.

1. County Integrated Waste Management Plan (CIWMP). The proposed permit is for the Engel & Gray Regional Composting Facility located at Ray Street, ½ mile south of West Main Street, Santa Maria, California in Santa Barbara County.

Public Resources Code Section 50001 requires the location of any new or expanded solid waste facility to be identified in the applicable county's Nondisposal Facility Siting Element (NDFE) for the proposed permit for that facility to be found to be in conformance with the NDFE.

The location of Engel & Gray Regional Composting Facility is identified in the County's NDFE. The Office of Local Assistance staff therefore finds the proposed permit to be in conformance with the County's NDFE.

2. Consistency with State Minimum Standards (SMS). At the time this item was prepared, staff had not conducted a pre-permit inspection of the facility. Staff will inspect the facility prior to the March 7, 2005 Permitting and Enforcement Committee meeting and provide the inspection findings at that time.
3. Report of Composting Site Information. Board staff reviewed the Report of Composting Site Information, dated December 20, 2004, and found that it meets the requirements of Title 14, CCR, Section 18227.

### B. Environmental Issues

State law requires compliance with the California Environmental Quality Act either through the preparation, circulation and adoption/certification of an environmental

document and mitigation reporting or monitoring program or by determining that the proposal is categorically or statutorily exempt.

At the time the Registration Permit was issued, the Mitigated Negative Declaration (MND) was circulated locally and adopted by the City of Santa Maria. The CIWMB normally requires that all environmental documents used for CIWMB concurrence be circulated through the State Clearinghouse as required in CEQA Guidelines Section 15073(d). The MND developed for this site and utilized for the Standardized permit is being utilized for this permit action. The Full SWFP exactly mirrors the project as described in the 1995 MND; therefore, CIWMB staff recommend the MND as evidence of CEQA compliance for concurrence on the Full SWFP.

When the Standardized SWFP was approved by the Board in September of 1999, the following feedstock description was included:

Feedstock: Green waste materials including: leaves/grass clippings/weeds, shrubbery prunings, other yard trimmings, tree trunks/limbs/trimmings, other clean landscaping debris, clean untreated wood waste, natural fiber products, agricultural crop residuals, plant waste from food processing, grape pomace, clean paper products/cardboard. Typical sources of these materials include: municipal curbside green waste recycling programs, landfill diversion activities, commercial landscapers and tree services, vineyard operators and wineries, row crop producers, and other agricultural growers, packers, and shippers. Biosolids (Sewage Sludge) including: solid, semi-solid, or liquid residue generated during the treatment of domestic sewage. Typical sources of this material include: domestic wastewater treatment facilities and municipal wastewater treatment plants.

#### Proposed Full SWFP

The proposed Full SWFP was received from the LEA on January 19, 2005 and contained information consistent with the project description and evaluation in the MND.

The Local Enforcement Agency, County of Santa Barbara, Public Health Department, Environmental Health Services Division, has provided a finding that the proposed Full SWFP is consistent with and supported by the cited environmental document.

Board staff recommends the MND cited above as adequate for the Board's environmental evaluation of the proposed project for those project activities which are within the Board's expertise and/or powers, or which are required to be carried out or approved by the Board.

#### **C. Program/Long Term Impacts**

Based on available information, staff is not aware of any program, or long-term impacts related to this item.

#### **D. Stakeholder Impacts**

Based on available information, staff is not aware of any stakeholder impacts related to this item.

#### **E. Fiscal Impacts**

No fiscal impacts to the Board results from this item.

**F. Legal Issues**

Based on available information, staff is not aware of any legal issues related to this item.

**G. Environmental Justice**

Community Setting. The zoning designations surrounding the facility include the following:

- North – Exclusive Agricultural District, undisturbed setting.
- South, West, and East – Limited Agriculture District; undisturbed setting.

There are no residential structures within 1,000 feet of the permitted facility boundaries.

According to the 2000 Census, the population of the Santa Maria area (Santa Barbara County Census Tract 25) consists of the following:

US Census Bureau Data Census 2000 - Race Santa Maria, Santa Barbara County	All Ages	
	Number	Percent
White	2,863	47.2
Black or African American	40	0.7
American Indian or Alaska Native	107	1.8
Asian	346	5.7
Native Hawaiian and Other Pacific Islander	9	0.1
Some other race	2,264	37.3
Two or more race	434	7.2
Total Population	6,063	100

Of the total population in the census tract a total of 5009 or 82.6 percent identify themselves as having Hispanic or Latino origin. The median household income is \$31,955 and 24.2 percent of the families are below the poverty level.

Community Outreach. The LEA did not receive any comments on the permit application. This is a new permit so the LEA did not conduct a public hearing pursuant to AB 1497.

Environmental Justice Issues. Based on available information, staff is not aware of any environmental justice issues related to this item.

**H. 2001 Strategic Plan**

This item supports Strategic Plan Goal 4: Managing and mitigating the impacts of solid waste on public health and safety and the environment and promoting integrated and consistent permitting, inspection, and enforcement efforts by acknowledging through cooperation with the LEA enforcement of a permit consistent with current environmental values and ethics.

This item supports Strategic Plan Objective 1: Through consistent and effective enforcement or other appropriate measures, ensure compliance with federal and state waste management laws and regulations by concurring in a permit consistent with current statute and legislation.

**VI. FUNDING INFORMATION**

This item does not require any Board fiscal action.

**VII. ATTACHMENTS**

1. Vicinity Map
2. Site Map
3. Proposed Permit Number 42-AA-0053
4. Resolution Number 2005-58

**VIII. STAFF RESPONSIBLE FOR ITEM PREPARATION**

**A. Program Staff:** Dianne Ohiosumua

**Phone:** (213) 620-2346

**B. Legal Staff:** Michael Bledsoe

**Phone:** (916) 341-6058

**C. Administration Staff:** N/A

**Phone:** N/A

**IX. WRITTEN SUPPORT AND/OR OPPOSITION**

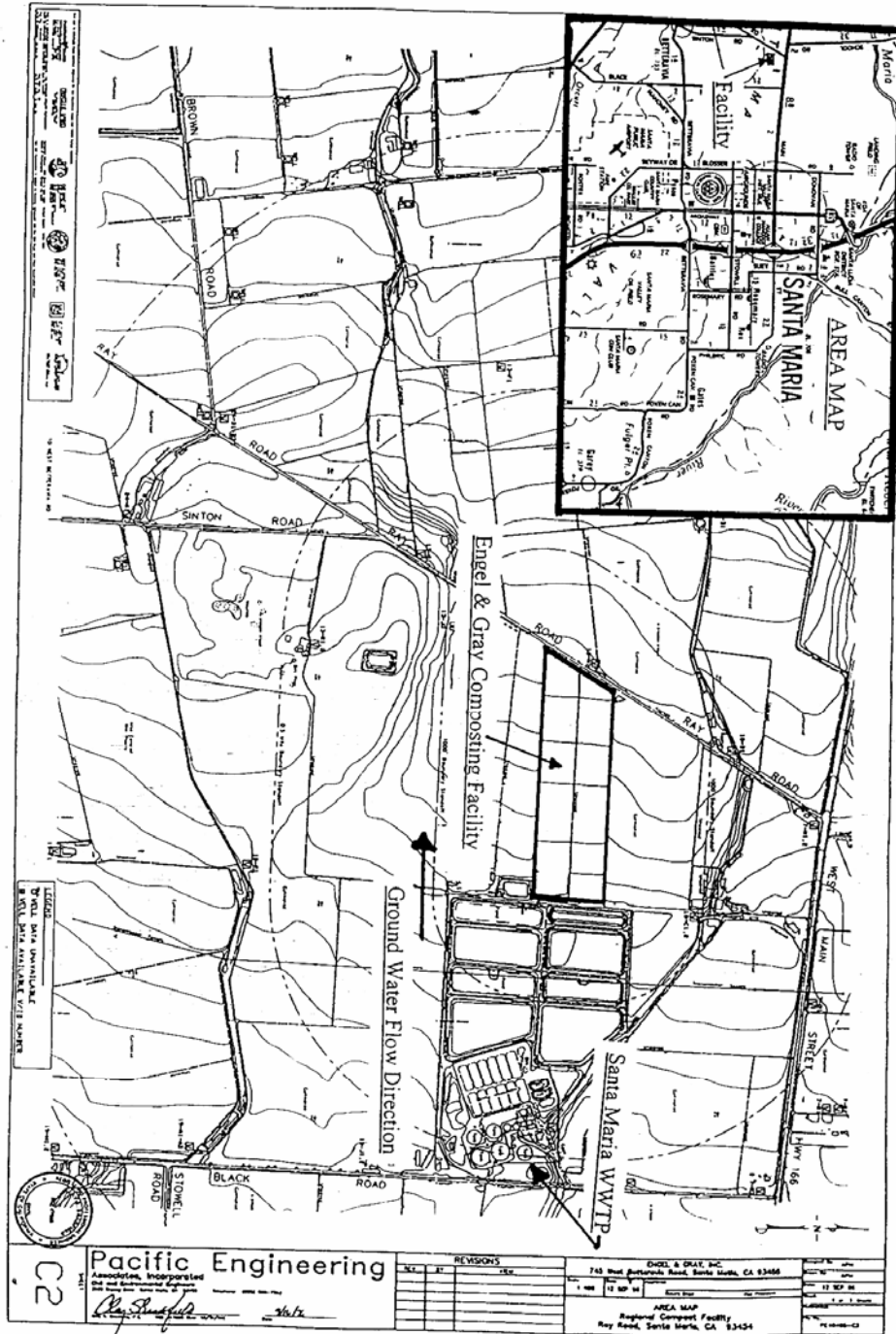
**A. Support**

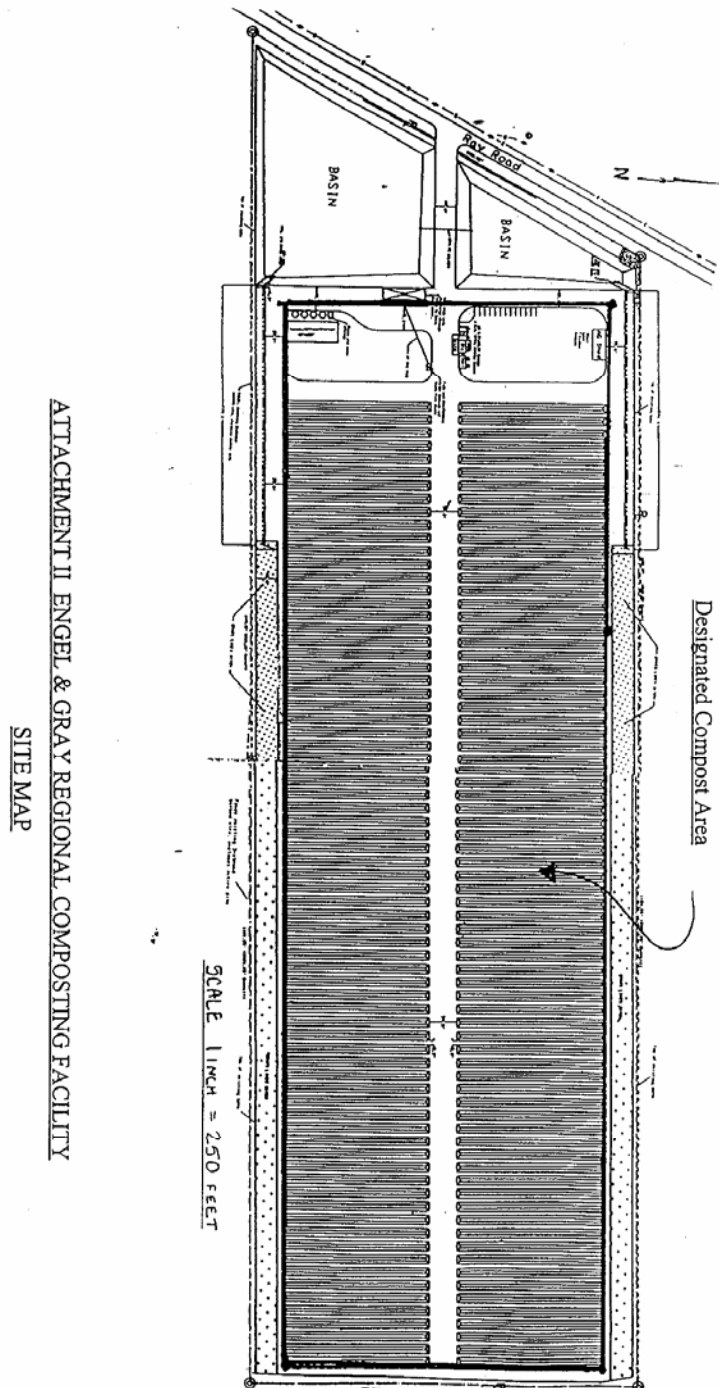
Board staff is unaware of any specific written support for this item.

**B. Opposition**

Board staff is unaware of any specific written opposition for this item.

ATTACHMENT 1 ENGEL & GRAY REGIONAL COMPOSTING FACILITY  
VICINITY MAP





ATTACHMENT II ENGEL & GRAY REGIONAL COMPOSTING FACILITY  
SITE MAP



<b>SOLID WASTE FACILITY PERMIT</b>		Facility Number: <b>42-AA-0053</b>																																				
<b>1. Name and Street Address of Facility:</b> Engel & Gray Regional Composting Facility Ray Road, 1/2 mile south of West Main Street, Santa Maria, CA 93456	<b>2. Name and Mailing Address of Operator:</b> Engel & Gray Inc. 745 West Betteravia Road Post Office Box 5020 Santa Maria, CA 93456	<b>3. Name and Mailing Address of Owner:</b> City Of Santa Maria Public Works Department 810 W. Church Street Santa Maria, CA 93454-4222																																				
<b>4. Specifications:</b> <b>a. Permitted Operations:</b> <input type="checkbox"/> Solid Waste Disposal Site <input type="checkbox"/> Transformation Facility <input type="checkbox"/> Transfer/Processing Facility (MRF) <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> Composting Facility (Sludge) <b>b. Permitted Hours of Operation:</b> <u>7am to 7pm; Monday -Sunday</u> <b>c. Permitted Maximum Tonnage:</b> <u>52,200</u> Tons per Quarter <b>d. Permitted Traffic Volume:</b> <u>75</u> Average number of vehicles per day <b>e. Key Design Parameters (Detailed parameters are shown on site plans bearing EA and CIWMB validations):</b> <table border="1"><thead><tr><th></th><th>Total</th><th>Disposal</th><th>Transfer/Processing</th><th>Composting</th><th>Transformation</th></tr></thead><tbody><tr><td>Permitted Area (in acres)</td><td>40.15</td><td></td><td></td><td>40.15</td><td></td></tr><tr><td>Design Capacity -cubic yds</td><td></td><td></td><td></td><td>400,000</td><td></td></tr><tr><td>Max. Elevation (Ft. MSL)</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Max. Depth (Ft. MSL)</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Estimated Closure Year</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				Total	Disposal	Transfer/Processing	Composting	Transformation	Permitted Area (in acres)	40.15			40.15		Design Capacity -cubic yds				400,000		Max. Elevation (Ft. MSL)						Max. Depth (Ft. MSL)						Estimated Closure Year					
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Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.																																						
<b>5. Approval: Richard Merrifield, Director Environmental Health Services</b>  Approving Officer Signature		<b>6. Enforcement Agency Name and Address:</b>  Santa Barbara County - Public Health Department Environmental Health Services Division 225 Camino del Remedio Santa Barbara, CA 93110																																				
<b>7. Date Received by CIWMB:</b>  February 10, 2005		<b>8. CIWMB Concurrence Date:</b>																																				
<b>9. Permit Issued Date:</b>	<b>10. Permit Review Due Date:</b>	<b>11. Owner/Operator Transfer Date:</b>																																				

<b>SOLID WASTE FACILITY PERMIT</b>	Facility Number:  <div style="text-align: center; font-weight: bold;">42-AA-0053</div>																												
<b>12. Legal Description of Facility:</b>  The legal description of this facility is contained in Exhibit 7 of the <u>Report of Compost Site Information</u> dated <u>December 20, 2004</u> .																													
<b>13. Findings:</b>  <div style="margin-left: 20px;"> <p>a. This permit is consistent with the <u>Santa Barbara County</u> Integrated Waste Management Plan, which was approved by the CIWMB on <u>October 21, 1998</u>. The location of the facility is identified in the <u>Nondisposal Facility Element</u>, pursuant to Public Resources Code (PRC), Section 50001(a).</p> <p>b. This permit is consistent with the standards adopted by the CIWMB, pursuant to PRC 44010.</p> <p>c. The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the enforcement agency, pursuant to PRC 44009.</p> <p>d. The <u>Santa Maria City</u> Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.</p> <p>e. A <u>CEQA document</u> was filed with the Community Development Department (SP-94-28 &amp; E-94-56) and certified by the <u>City Council</u> on <u>June 21, 1995</u>. The <u>CEQA document</u> describes and supports the design and operation, which will be authorized by the issuance of this permit. A Notice of Determination was filed by the Santa Maria City Council on <u>June 21, 1995</u>.</p> </div>																													
<b>14. Prohibitions:</b>  The permittee is prohibited from accepting the following wastes:  <div style="margin-left: 40px;"> <p>Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquids not approved by the Regional Water Quality Control Board, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies.</p> </div>																													
<b>15. The following documents describe and/or restrict the operation of this facility:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 10%; text-align: center;">Date</th> <th style="width: 40%;"></th> <th style="width: 10%; text-align: center;">Date</th> </tr> </thead> <tbody> <tr> <td>Report of Compost Site Information</td> <td style="text-align: center;">December 2004</td> <td>Preliminary Closure and Postclosure Maintenance Plan</td> <td></td> </tr> <tr> <td>Waste Discharge Requirements Order No. 99-11</td> <td style="text-align: center;">April 1999</td> <td>Closure Financial Assurance Documentation</td> <td></td> </tr> <tr> <td>APCD Permit to Operate #</td> <td></td> <td>Operating Liability Certification</td> <td></td> </tr> <tr> <td><u>CEQA document</u> – Notice of Determination</td> <td style="text-align: center;"><u>June 21, 1995</u></td> <td>Land Use and/or Conditional Use Permit Comprehensive Plan Consistency Statement</td> <td style="text-align: center;">August 1995</td> </tr> <tr> <td>Conditional Negative Declaration SP-94-28 &amp; E94-56</td> <td style="text-align: center;">May 95</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Date		Date	Report of Compost Site Information	December 2004	Preliminary Closure and Postclosure Maintenance Plan		Waste Discharge Requirements Order No. 99-11	April 1999	Closure Financial Assurance Documentation		APCD Permit to Operate #		Operating Liability Certification		<u>CEQA document</u> – Notice of Determination	<u>June 21, 1995</u>	Land Use and/or Conditional Use Permit Comprehensive Plan Consistency Statement	August 1995	Conditional Negative Declaration SP-94-28 & E94-56	May 95						
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<b>SOLID WASTE FACILITY PERMIT</b>		Facility Number: <b>42-AA-0053</b>
<b>16. Self Monitoring:</b>  The owner/operator shall submit the results of all self monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period (for example, 1st quarter = January – March, the report is due by April 30, etc.. Information required on an annual basis shall be submitted with the 4th quarter monitoring report, unless otherwise stated.)		
<b>Program</b>		<b>Reporting Frequency</b>
a. The types and quantities (in tons) of feedstock entering the facility per Month and the quantity of finished compost (or other material) shipped off site.		Semi-annual
b. The number and types of vehicles using the facility per day.		Semi-annual
c. Results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.		Semi-annual
d. Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints and a summary of all Special Occurrences.		Semi-annual
e. Report results of analytical tests for pathogens and metals.		Semi-annual

## **SOLID WASTE FACILITY PERMIT**

Facility Number:

**42-AA-0053**

### **17. Enforcement Agency (EA) Conditions:**

- a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 14, California Code of Regulations.
- b. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be available to site personnel and the EA at all times.
- c. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the EA.
- d. This permit is subject to review by the EA and may be suspended, revoked, or revised at any time for sufficient cause.
- e. The EA reserves the right to suspend or modify waste receiving and handling operations when deemed necessary due to an emergency, a potential health hazard, or the creation of a public nuisance.
- f. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an RFI amendment, to the EA at least 180 days in advance of the change.
- g. RCSI, current Solid Waste Facility Permit and copies of all past inspections shall be maintained on site.
- h. Adequate lighting must be provided for any operations that occur after dusk.

## **CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD**

### **Resolution 2005-58**

Consideration Of A New Solid Waste Facilities Permit (Compostable Materials Handling Facility)  
For The Engel & Gray Regional Composting Facility, Santa Barbara County

**WHEREAS**, the County of Santa Barbara Department of Public Health, Environmental Health Services acting as the Local Enforcement Agency (LEA), has submitted to the Board for its review and concurrence with or objection to, a new Solid Waste Facilities Permit for the Engel & Gray Regional Composting Facility; and

**WHEREAS**, the proposed permit will allow a maximum tonnage of 208,800 tons per year, limit traffic volume to an average of 75 vehicles per day, increase the design capacity from 100,000 cubic yards to 400,000 cubic yards; and

**WHEREAS**, the LEA has certified that the application package is complete and correct, and that the proposed permit is supported by the California Environmental Quality Act documents that were prepared for the project; and

**WHEREAS**, the Board finds that the proposed project is described in the Nondisposal Facility Element (NDFE); and

**WHEREAS**, Board staff have evaluated the proposed permit and application package for consistency with the standards adopted by the Board; and

**WHEREAS**, the Board finds the proposed permit is consistent with the California Environmental Quality Act; and

**WHEREAS**, Board staff finds the facility **[is][is not]** able to operate in compliance with State Minimum Standards; and

**WHEREAS**, the Board finds that all state and local requirements for the proposed permit have been met.

**NOW, THEREFORE, BE IT RESOLVED** that the California Integrated Waste Management Board **[concurs/objects]** in the issuance of Solid Waste Facilities Permit No. 42-AA-0053.

### **CERTIFICATION**

The undersigned Executive Director, or his designee, of the California Integrated Waste Management Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the California Integrated Waste Management Board held on March 15-16, 2005.

Dated:

Mark Leary  
Executive Director